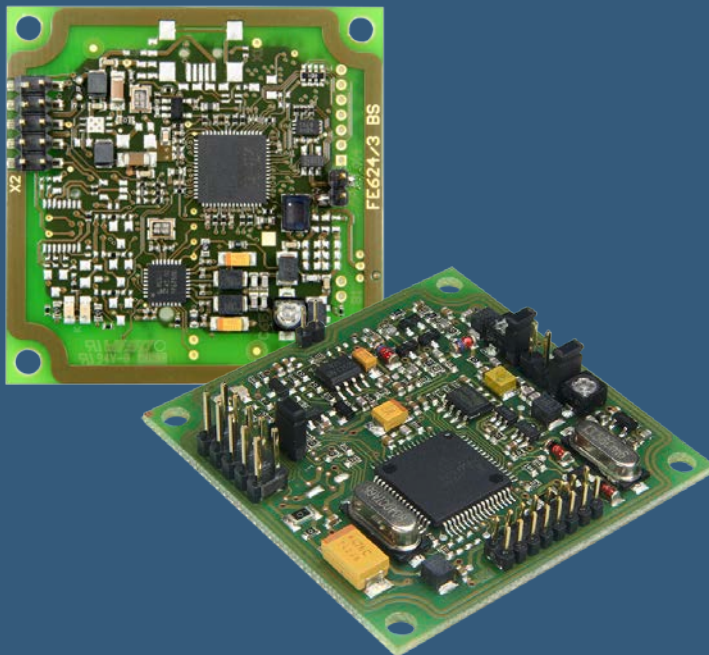
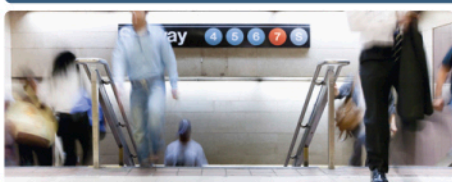


Multi-tag Reader Modules ID CPR (13,56 MHz)



FEATURES

- 5V- and 3.3V variants available
- Also available as USB variant
- Data rates up to 847 kBit/s
- Low power consumption
- Command Queue for explicit reduction of communication cycles between host and reader module
- Supports NFC applications



Order description: ID CPR40.0x / ID CPR.M02.VP/AB-x

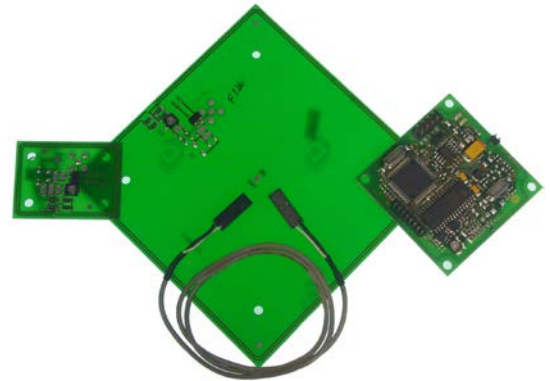
Reader modules for operation with external antennas

| | ID CPR40.01-CD 3.3 | ID CPR40.01-A | ID CPR40.01-CDUSB | ID CPR.M02.VP/AB-BA | ID CPR.M02.VP/AB-CA |
|-----------------------------|--------------------|-----------------|-------------------|---------------------|---------------------|
| Dimensions | 50 x 50 x 14 mm | 50 x 50 x 14 mm | 50 x 50 x 14 mm | 50 x 50 x 14 mm | 50 x 50 x 14 mm |
| RS232-TTL interface | x | | x | x | x |
| Data/Clock interface | x | | x | x | x |
| Wiegand interface | x | | x | x | x |
| RS232 interface | | x | | | |
| USB interface | | | x | | |
| Supply voltage | 3,3V | 5V | 5V | 5V | 5V |
| ISO 14443-A/-B | x | x | x | x | x |
| ISO 14443 Part 4 Support | x | x | x | TCL Firmware | TCL Firmware |
| Mifare classic read / write | x | x | x | x | x |
| ISO 15693 | | | | x | x |
| I-CODE1 | | | | x | |
| Data rate | 106-847 kBit/s | 106-847 kBit/s | 106-847 kBit/s | 106 kBit/s | 106 kBit/s |
| NFC compatibility | x | x | x | x | x |
| Current consumption | 130 mA | 130 mA | 130 mA | 300 mA | 300 mA |
| Read 64 Byte mifare classic | 2,6 ms | 2,6 ms | 2,6 ms | 4,1 ms | 4,1 ms |
| RF transmitting power | 100 mW | 100 mW | 100 mW | 250 mW | 250 mW |
| Command Queue | x | x | x | | |

Standard conformity

Radio approval

| | |
|--------|--------------------|
| Europe | EN 300 330 |
| USA | FCC 47 CFR Part 15 |
| EMC | EN 301 489 |
| Safety | EN 60950 |
| Health | EN 50364 |



As external antennas, two 50Ω antennas ID ISC.ANT40/30 and ID ISC.ANT100/100 are available.

FEIG ELECTRONIC reserves the right to change specification without notice at any time.
Stand of information: July 2013.

Order description: ID CPR40.0x / ID CPR.M02.VP/AB-x

Reader modules for operation with external antennas

| | ID CPR40.01-CD 3.3 | ID CPR40.01-A | ID CPR40.01-CDUSB | ID CPR.M02.VP/AB-BA | ID CPR.M02.VP/AB-CA |
|-----------------------------|--------------------|-----------------|-------------------|---------------------|---------------------|
| Dimensions | 50 x 50 x 14 mm | 50 x 50 x 14 mm | 50 x 50 x 14 mm | 50 x 50 x 14 mm | 50 x 50 x 14 mm |
| RS232-TTL interface | x | | x | x | x |
| Data/Clock interface | x | | x | x | x |
| Wiegand interface | x | | x | x | x |
| RS232 interface | | x | | | |
| USB interface | | | x | | |
| Supply voltage | 3,3V | 5V | 5V | 5V | 5V |
| ISO 14443-A/-B | x | x | x | x | x |
| ISO 14443 Part 4 Support | x | x | x | TCL Firmware | TCL Firmware |
| Mifare classic read / write | x | x | x | x | x |
| ISO 15693 | | | | x | x |
| I-CODE1 | | | | x | |
| Data rate | 106-847 kBit/s | 106-847 kBit/s | 106-847 kBit/s | 106 kBit/s | 106 kBit/s |
| NFC compatibility | x | x | x | x | x |
| Current consumption | 130 mA | 130 mA | 130 mA | 300 mA | 300 mA |
| Read 64 Byte mifare classic | | | | | |
| | 2,6 ms | 2,6 ms | 2,6 ms | 4,1 ms | 4,1 ms |
| RF transmitting power | 100 mW | 100 mW | 100 mW | 250 mW | 250 mW |
| Command Queue | x | x | x | | |

Standard conformity

Radio approval

| | |
|--------|--------------------|
| Europe | EN 300 330 |
| USA | FCC 47 CFR Part 15 |
| EMC | EN 301 489 |
| Safety | EN 60950 |
| Health | EN 50364 |



As external antennas, two 50Ω antennas ID ISC.ANT40/30 and ID ISC.ANT100/100 are available.

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